

Clean-Fuel Fleet Program

•For the

Newspaper Association of America

1999 SuperConference

January 11, 1999



- Office of Mobile Sources
 - National Vehicle Fuels & Emissions Lab
 - Vehicle Programs & Compliance Div
 - Regional & State Programs Div
 - Ann Arbor, MI

Clean-fuel Fleets

- REQUIRED??

Yes, now -- 1999





OMS Program Responsibilities

- Vehicle Certification
 - Clifford Tyree
- Regional & State
 - Sally Newstead

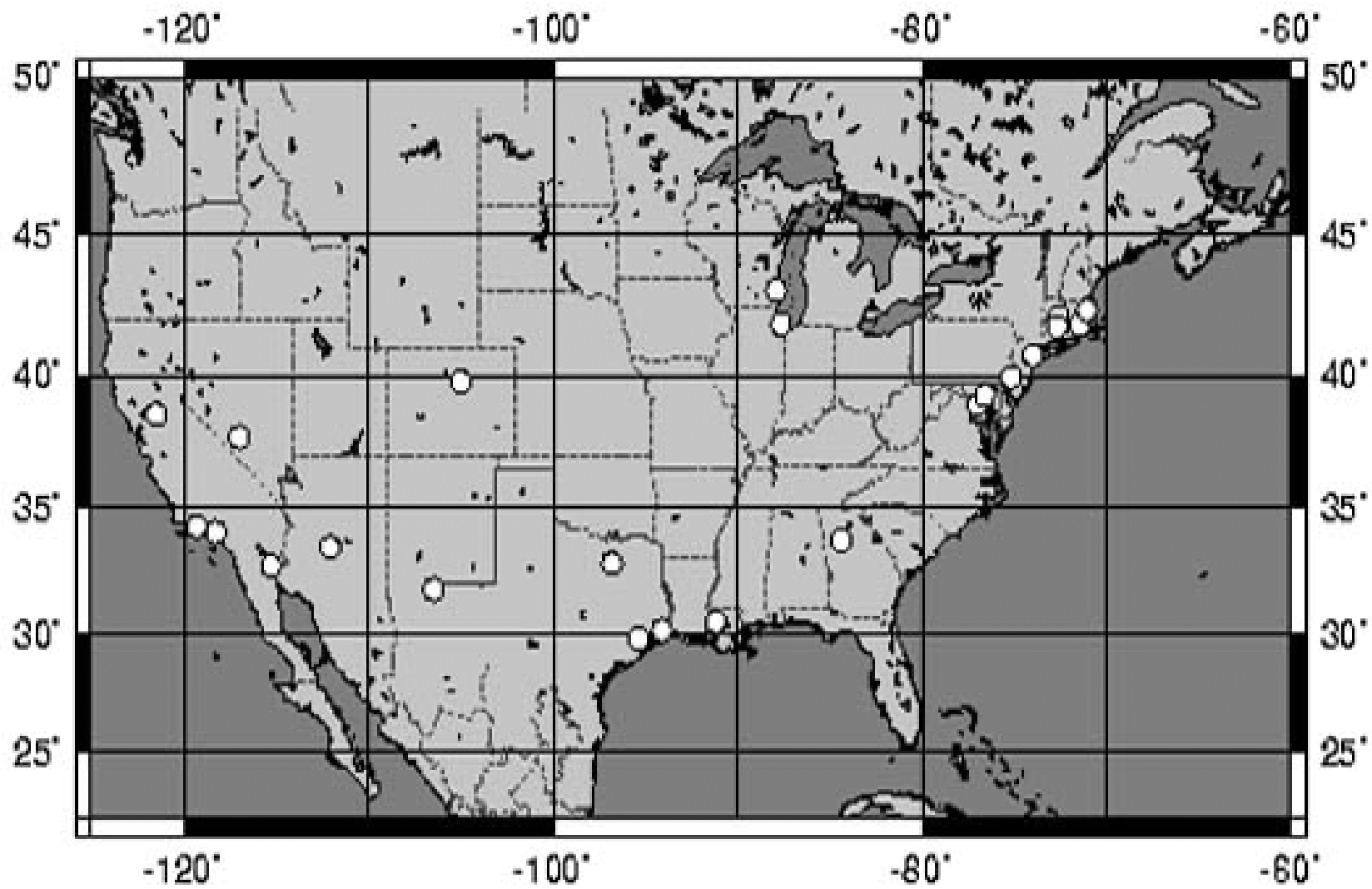
CFF Background

- 1990 CAA requirement
- Covered fleet
 - 10 or more vehicles
 - Capable of being centrally fueled
- Ozone or CO non-attainment area
- State administered program
- Start delayed from 1998 to 1999



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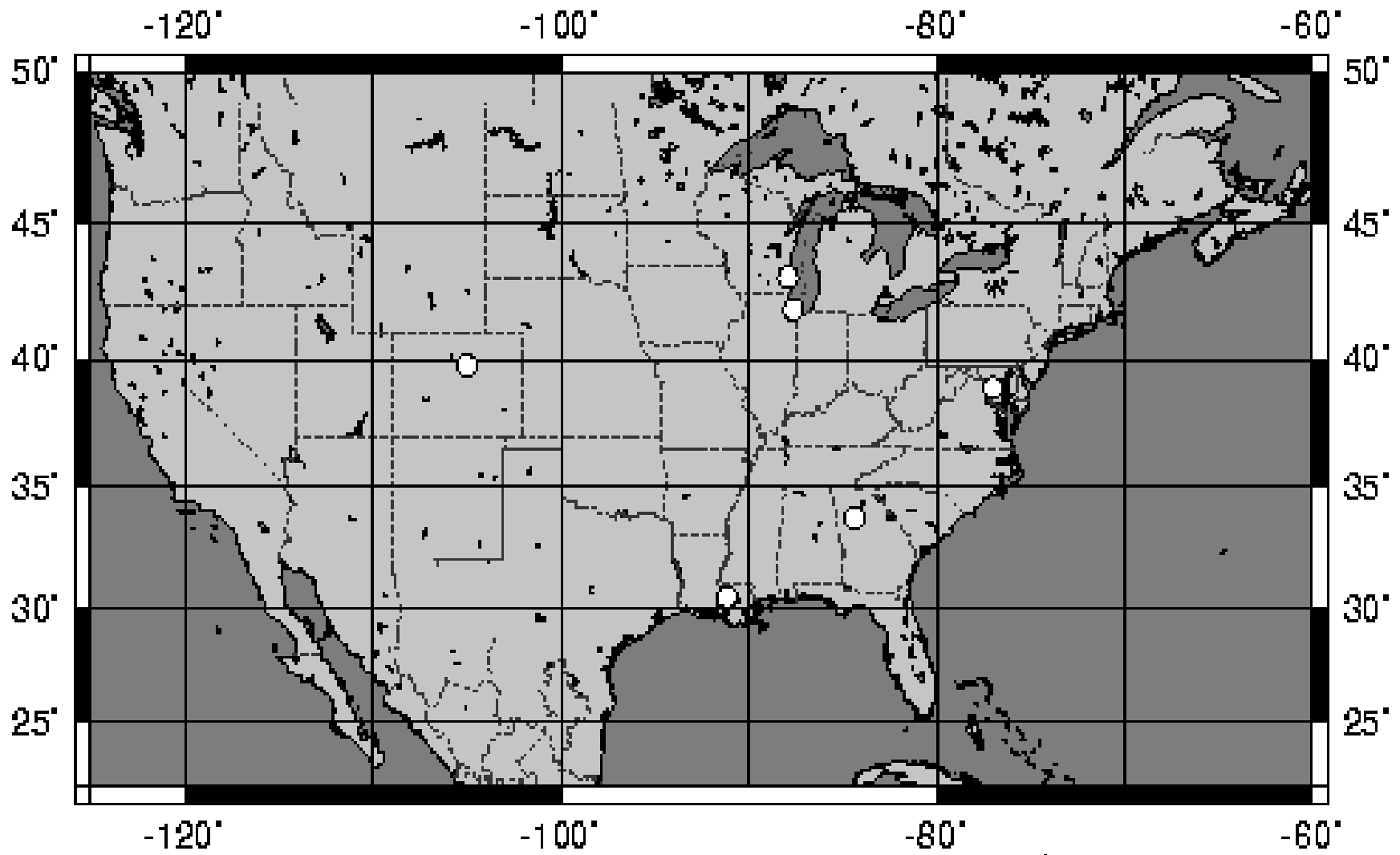
- Original Non Attainment Areas Identified in 1994





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- Areas Currently Using the CFF Program in their SIP



Dec 18 16:57 GNC - N.Walnut

km
0 20 40 00



Additional State Programs

- Virginia
- Texas



Exempt Fleets

- Lease or rental to general public
- Sale by dealers
- OEM prototypes
- Law enforcement
- Emergency
- Non-road
- Military

What Is a Clean Fuel Vehicle?



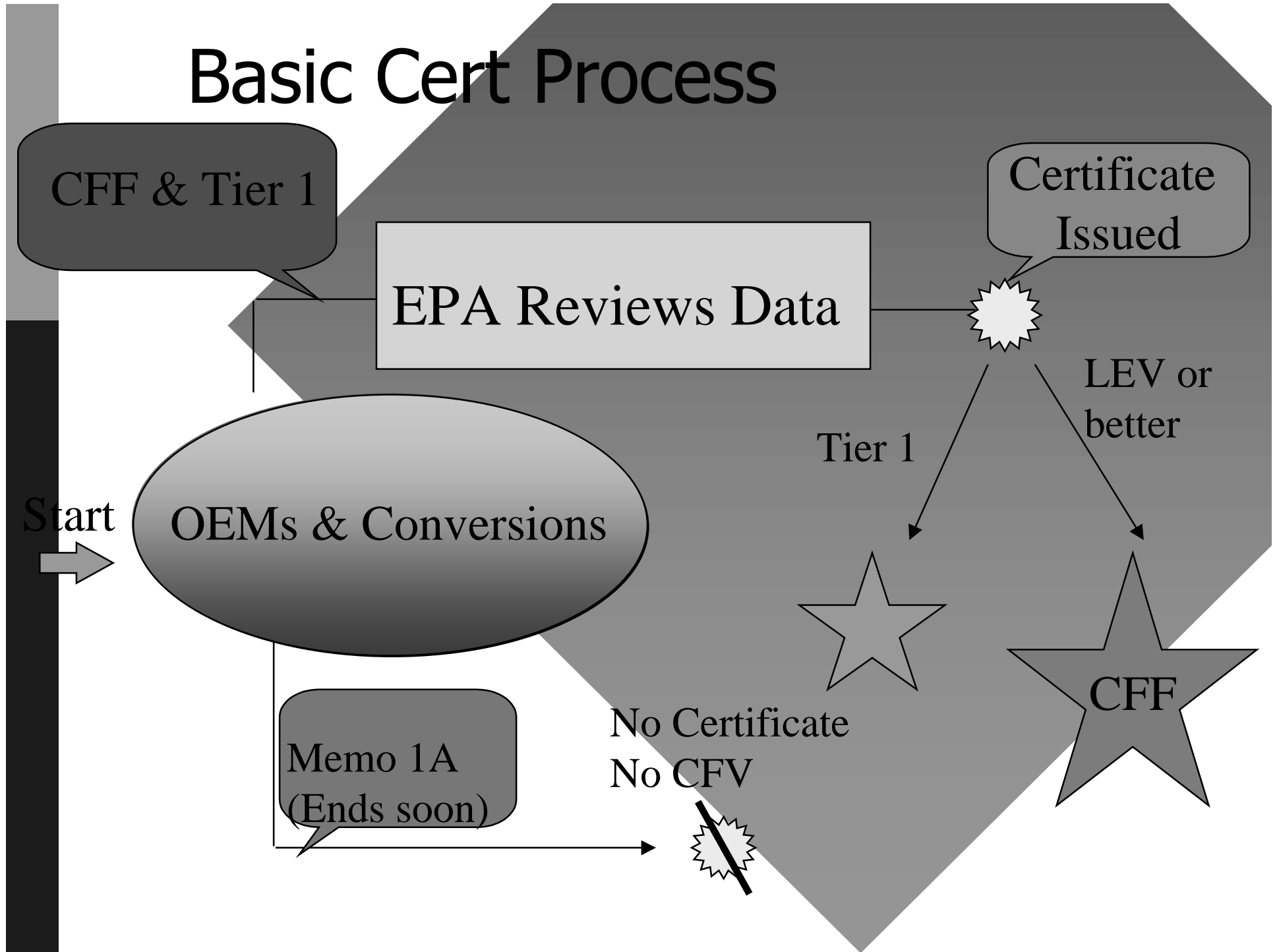
- 1. LEV

- 2. ULEV

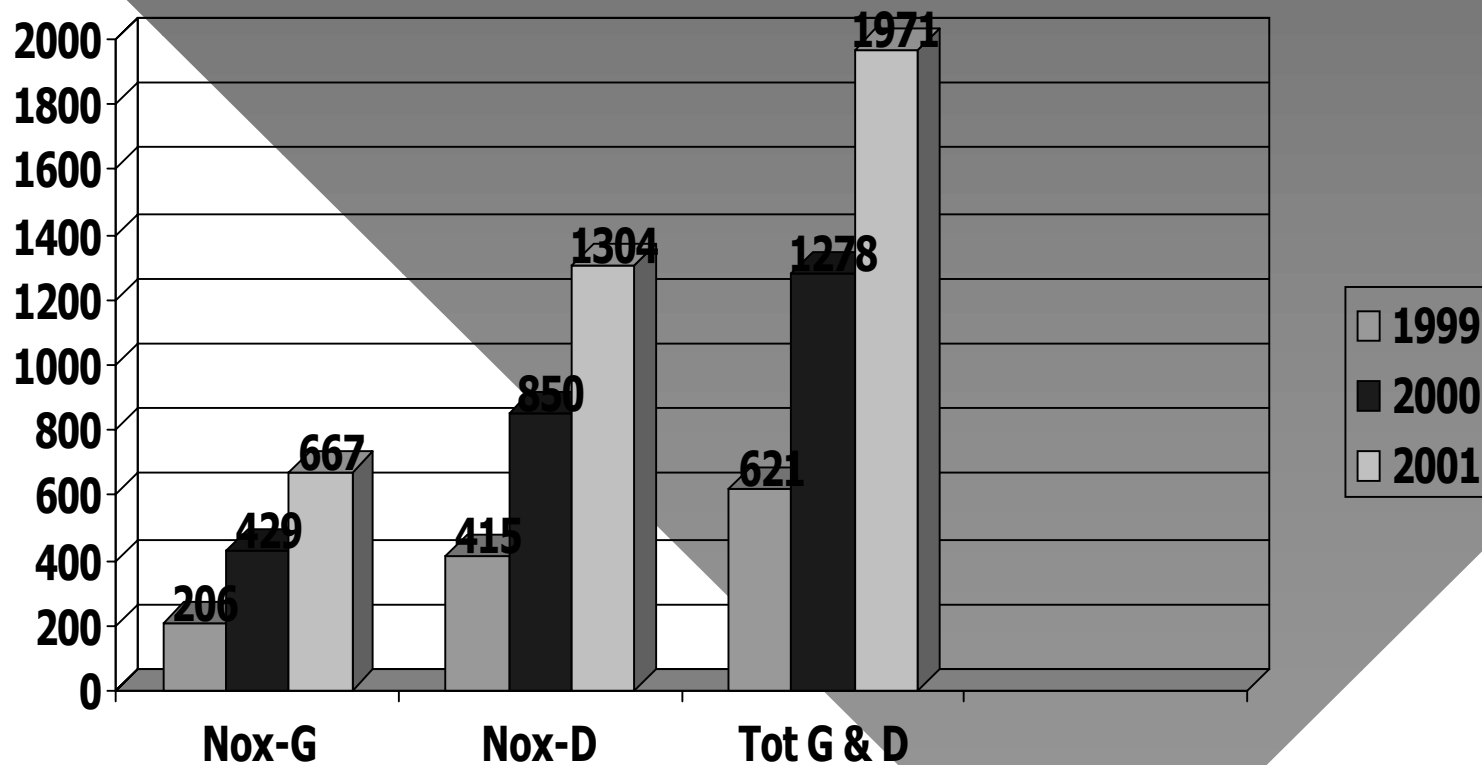
- 3. ZEV

- And operates on the fuel used to certify the engine

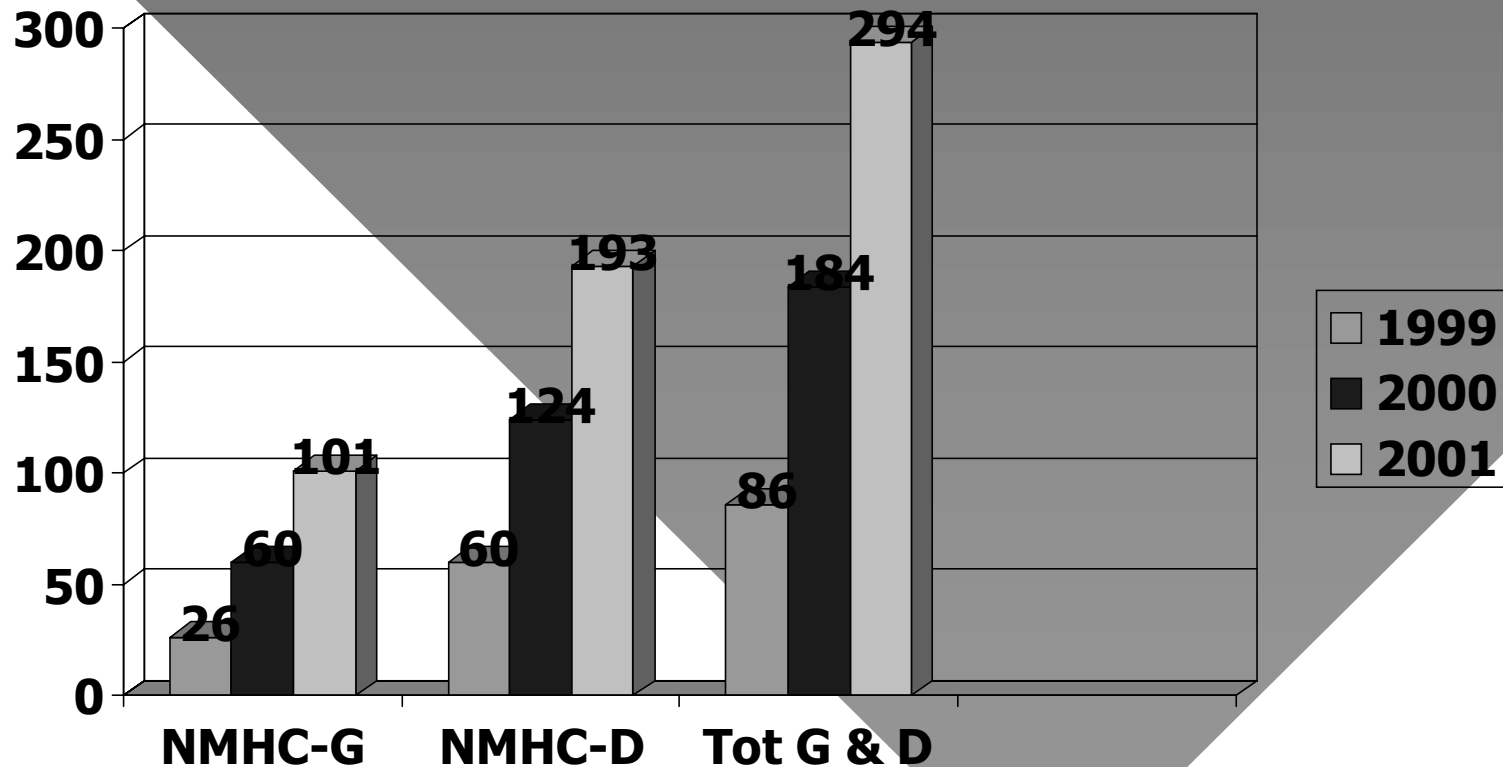
Basic Cert Process



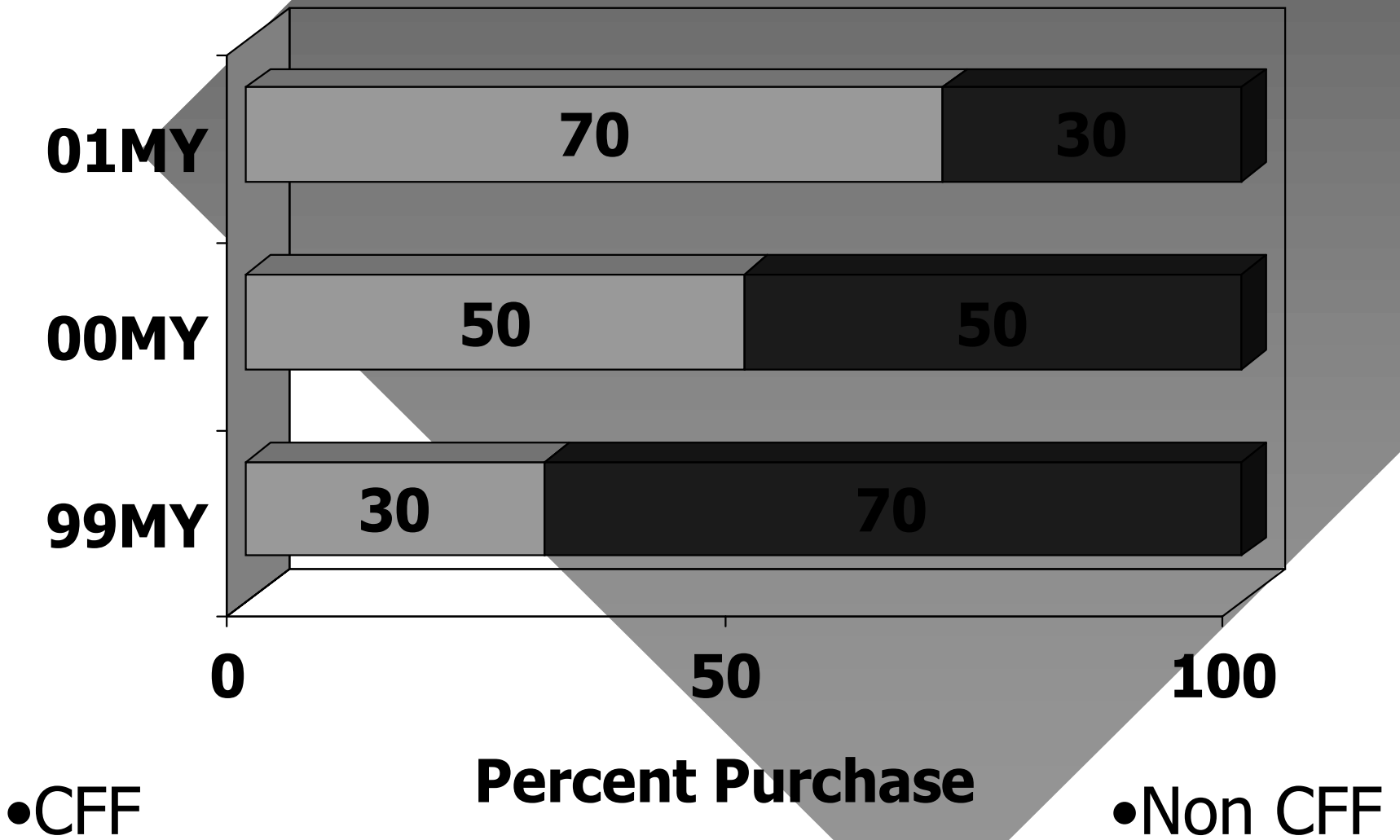
Projected Nox Emissions Benefit for HD CFF Engines (Tons /Year)



Projected NMHC Emissions Benefit for HD CFF Engines (Tons / Yr)



Light Duty Fleet Requirements



Heavy-Duty Fleet Requirements



●CFF

●Non CFF

Epa's Role



- Provide guidance to the states
- Work with manufacturers and fleets

Conversions

- Certified conversion configuration
 - Performed by
 - Aftermarket conversion certifier
 - Certificate holder
- Must meet CFF certification requirements
- Must meet I/M CO standards each vehicle

EPA / DOE Programs

- Clean fuel fleet - EPA
 - Must meet LEV or better
 - Fuel neutral
 - Up to 26,000lbs. GVWR
- Clean cities - DOE
 - Energy security
 - LDV & LDT only

EPA OMS Contacts

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Additional Information

- Web site for NEW OMS information
<http://www.epa.gov/OMSWWW/whatsnew.htm>

Web site for EXISTING EPA CFF information:
<http://www.epa.gov/OMSWWW/cff.htm>

- For example:
 - May 22 guidance
 - Memo 1A
 - Certified CFV listings
 - CFF final rule



Nonattainment Area Update

- <http://www.epa.gov/oar/oaqps/greenbook/>



Clean Air & Air Quality

- It can be done
- Nearly every automaker has agreed to produce low-emission vehicles



Thank you for your attention

Questions??